



DATENBLATT

SQ-Power 500W PC-Powersupplies

Overview

The new SQ-Power 500W PC-Powersupplies series aims to win over DIY PC builders, and improve our brand image in the PSU market. We have implemented best in class protections and maximized performance while keeping prices highly competitive. The SQ-Power is positioned to elevate PC-Powersupplies line to new standards of excellence.

Rating Spec

AC Input	200-240Vac 4A 47-63Hz				
DC Output Voltage	+3.3V	+5V	+12V	-12V	+5Vsb
Max. Output Current	18A	18A	38A	0.3A	2.5A
Max. Combined Power	110W	456W	3.6W	12.5W	
	500W				

Cable Configurations

20+4 PIN Exposed (500mm) x 1
12V 4+4PIN Exposed (550mm) x 1
SATA Exposed (500mm)+SATA(150mm)+PATA(150mm)+PATA(150mm) x 1
SATA Exposed (500mm)+SATA(150mm)+SATA(150mm)+PATA(150mm) x 1
PCIe 6+2P exposed (450mm)+PCIe 6+2P (150mm) x 1
Total: (20+4P x 1, 4+4P x 1 , PCIe 6+2P x 2, PATA x 3, SATA x 5)

Warranty

2 Year Limited Warranty only for PC (Warranty will void if installed with mining system).

Features

1. Compatible with all Intel form factors up to ATX12V Ver.2.4
2. Built-in APFC providing higher voltage stabilization and lower power consumption (Active Power Factor Correction rate > 0.9)
3. Delivers real output wattage at ambient temperatures of 40°
4. Unique SQ-Power PSU style mesh design with matte black finishing adds a premium look and feel to your rig
5. Built-in 105°C Japanese main capacitors provides low ripples and higher durability for PSU and all PC system
6. High-end solid state capacitors provide great DC output quality for improved noise filtering and low ripple
7. 12cm high-pressure fan with optimized fan speed allows for near inaudible fan noise and silent PSU operation
8. Smart thermal fan control keeps the fan running at startup speed before reaching 60% load at 40°C ambient temperatures
9. Soft, black flat cables allow for efficient cable management and improved airflow
10. AWG#18 copper wiring with 34 cores and phosphor-bronze connector pins provides high DC current endurance, allowing for longer PSU and PC lifespan
11. 6 different types of protections make PC highly resistant to any difficulties: OVP, UVP, OPP, SCP, OCP, and input Surge & Inrush Protection
12. Compliant with ErP 2013 Lot 3 for high energy efficiency
13. ROHS (Restriction of Hazardous Substances) certified
14. Fully EMC Compliant

Package Information

Model No.	Power Cord	EAN CODE
SQ-WHITE 500 B	EU cord	4260735830044
SQ-WHITE 500 R	EU cord	4260735830051

Retail Carton Size (L x W x H)	49.5*25.0*21.5cm
Bulk Carton Size (L x W x H)	49.5*26.5*19.5cm
PCS Per Carton	5pcs